## Writing a ratio as a percentage without a calculator: Worksheet 9.2

Name	Date	Score
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- 1. In a bag of 96 candies, the number of yellow candies is 72 and the rest are blue candies. What is the percentage of yellow candles in the bag?
- 2. The length and width of a room measure 40 feet. If the length of the room is 30 feet, what is the percentage of the width of the room?
- 3. Sixteen people voted for candidate A during a class election. If there were a total of 50 votes, what is the percentage of votes polled by candidate A?
- 4. A box of candy has 21 pieces in all. If 7 of the pieces are cherry flavored, what is the percentage of cherry flavored candies?
- 5. At a summer camp there were a total of 96 boys and girls. If there were 24 boys, what is the percentage of girls that were there?
- 6. At a bakery a total of 80 items were sold. If 48 of the items sold were cookies and the rest were brownies what is the percentage of brownies that were sold?
- 7. While completing a 60-minute race, Joe spent 40 minutes walking and the rest jogging. What percentage of the time did he spend jogging in the race?
- 8. A vendor sold a total of 70 snack items during a football game. If he sold 28 hotdogs and rest hamburgers, what is the percentage of hamburgers that he sold?
- 9. One day a DVD store rented out 40 movies of which 12 were comedies and rest were action movies. What is the percentage of action movies that were rented?
- 10. A restaurant sold 50 burritos in a day of which 18 were bean burritos and the rest were beef burritos. What is the percentage of beef burritos that were sold?



## Solutions: Worksheet 9.2

- 1. 75%
- 2. 25%
- 3. 32%
- 4.  $33\frac{1}{3}\%$
- 5. 75%
- 6. 40%
- 7. 33  $\frac{1}{3}$ %
- 8. 60%
- 9. 70%
- 10. 64%